



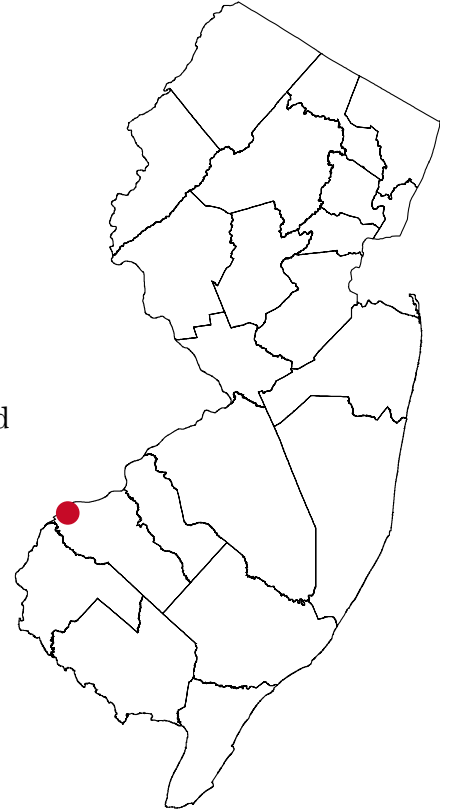
LOGAN GENERATING STATION RESTORATION PROJECT

Location: Gloucester County, New Jersey
Restoration Type: Upland Restoration
Project Type: Partners for Fish and Wildlife

The restoration project planted natural vegetation in degraded uplands on property owned by Logan Generating Company, L.P. within Logan Township, Gloucester County, New Jersey adjacent to the Delaware River. The Delaware River and the marsh areas that surround the project area support federal trust resources and are particularly valuable to migratory birds and waterfowl within the Atlantic Coast Flyway.

Ten acres of fallow fields were planted to native trees and shrubs. Tree and shrub species included black willow (*Salix nigra*), willow oak (*Quercus phellos*), black oak (*Quercus velutina*), southern red oak (*Quercus rubra*), northern bayberry (*Myrica pennsylvanica*), sumac (*Rhus* spp.), black cherry (*Prunus serotina*), southern arrowwood (*Viburnum dentatum*), and black locust (*Robinia pseudoacacia*). The Partnership for the Delaware Estuary, Incorporated, assisted in funding the tree and shrub purchases.

A corridor adjacent to the Logan Generating Plant was planted with native warm-season grasses. The warm-season grass mixture included little bluestem (*Schizachyrium scoparium*), big bluestem (*Andropogon gerardii*), indiagrass (*Sorghastrum nutans*), and switchgrass (*Panicum virgatum*). In addition, a 0.2 mile riparian area between an existing crop field and a wetland site was revegetated using the same species as were used at the upland restoration site.



Switchgrass

Native habitats contain a variety of vegetative types from short, sparse vegetation to dense cover, which provides important habitat for many wildlife species throughout the year. These habitats provide sources of food for migratory birds during the fall and winter months as well as important nesting habitat during the breeding season. In addition, upland areas provide habitat for other wildlife, including mammals and insects. Small mammals that occur in fields, such as white-footed mice (*Peromyscus leucopus*), are an important food source to many birds of prey. Butterflies, such as monarchs (*Danaus plexippus*) and orange sulphurs (*Colias eurytheme*), feed on the nectar produced by native plants.

Partners

- Logan Generating Company [Landowner]
- The Partnership for the Delaware Estuary



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Logan Generating Station Project Site